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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/679,427
Filing Date	October 7, 2003
First Named Inventor	John TAYLOR et al.
Art Unit	2123
Examiner Name	Eunhee Kim
Total Number of Pages in This Submission	
Attorney Docket Number	24GA127054 (8564-000035/US)

ENCLOSURES *(check all that apply)*

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☒ Amendment / Reply
  - ☒ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
  - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) ____
- ☐ After Allowance Communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) *(please identify below)*:

Remarks

The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

MAILSTOP: AF

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Harness, Dickey & Pierce, P.L.C.		
Signature			
Printed name	Ryan E. Alley		
Date	December 12, 2008	Reg. No.	60,977

CERTIFICATE OF TRANSMISSION/MAILING

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OIPE 4931
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:	10/679,427	Art Unit:	2123
Filing Date:	October 07, 2003	Examiner:	Eunhee Kim
Applicant:	John TAYLOR et al.	Conf.:	3467
Title:	METHODS OF USING GEOMETRIC CONSTRUCTS FOR NEUTRONICS MODELING		
Attorney Docket:	24GA127054 (HDP 8564-000035/US)		

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop Amendment

December 12, 2008

AMENDMENT UNDER 37 C.F.R. § 1.116

Madam:

In response to the Office Action mailed September 12, 2008, the following remarks are respectfully submitted in connection with the above-identified application.

Amendments to the Claims begin on page 2 of this Amendment.

Remarks begin on page 10 of this Amendment.

	Claims remaining after Amendment		Highest number previously paid for		Present extra
Total	21	-	22	=	0
Independent	3	-	4	=	0